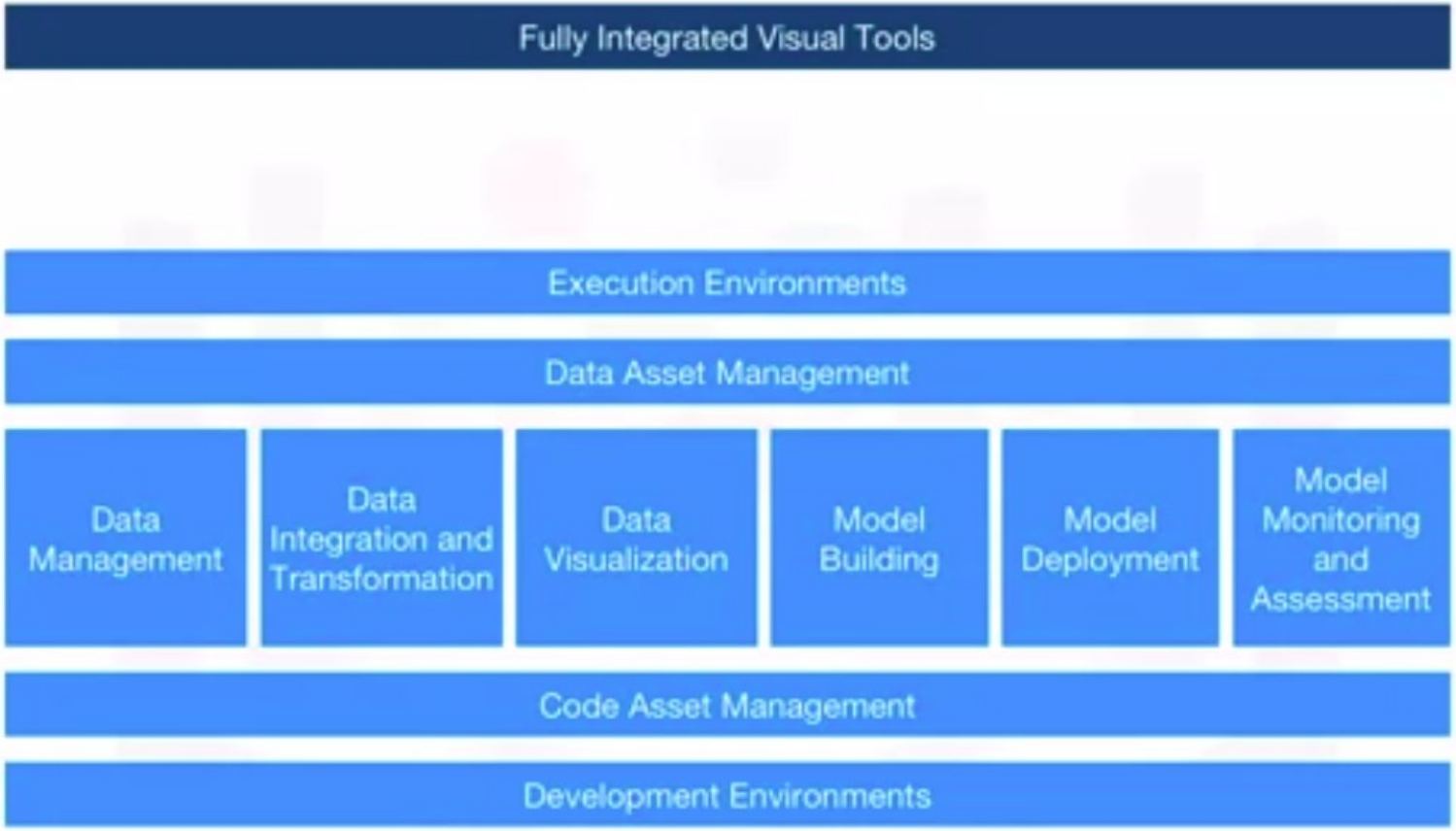
Open Source Tools



tooling components, either partially or completely.

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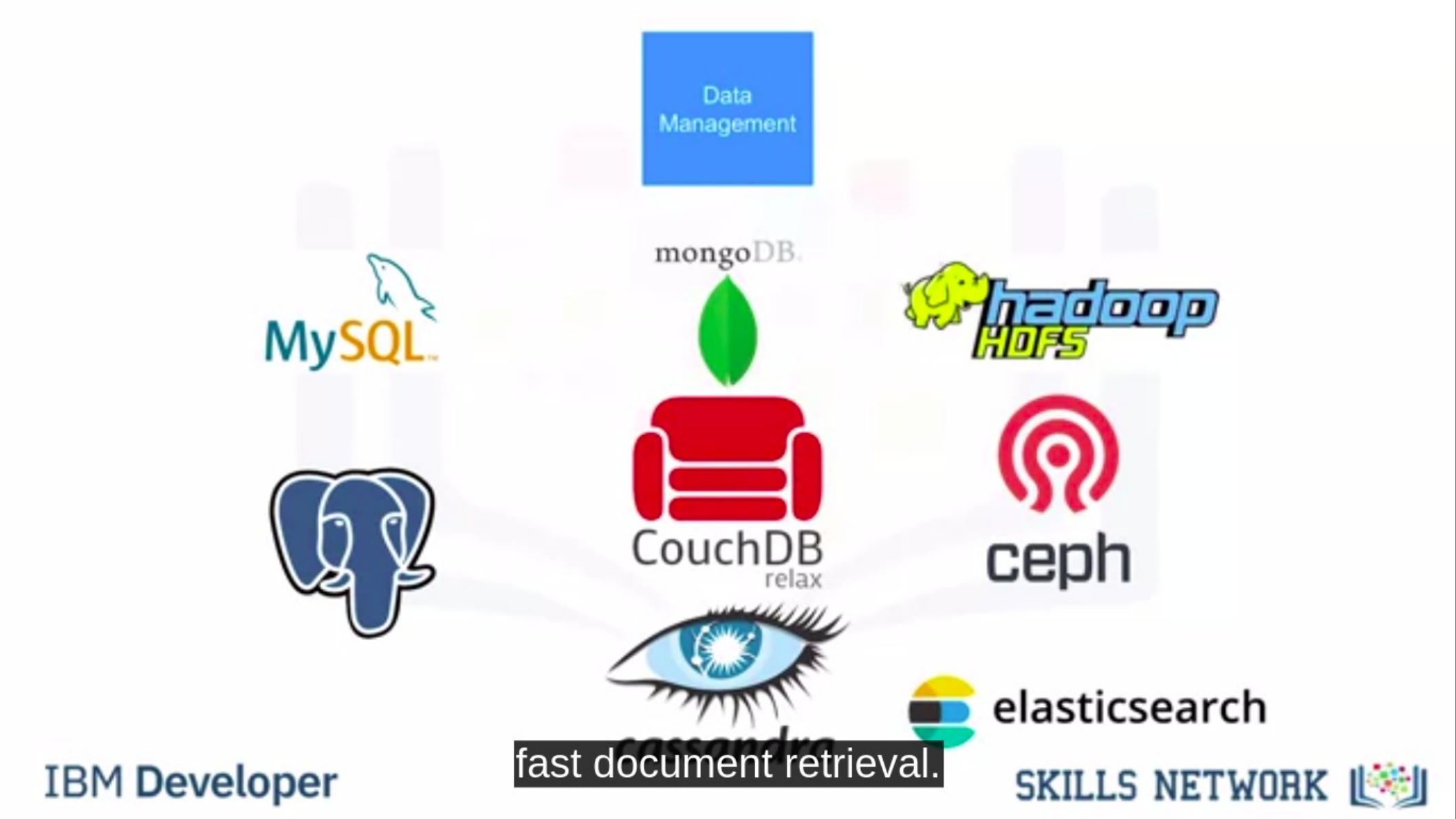
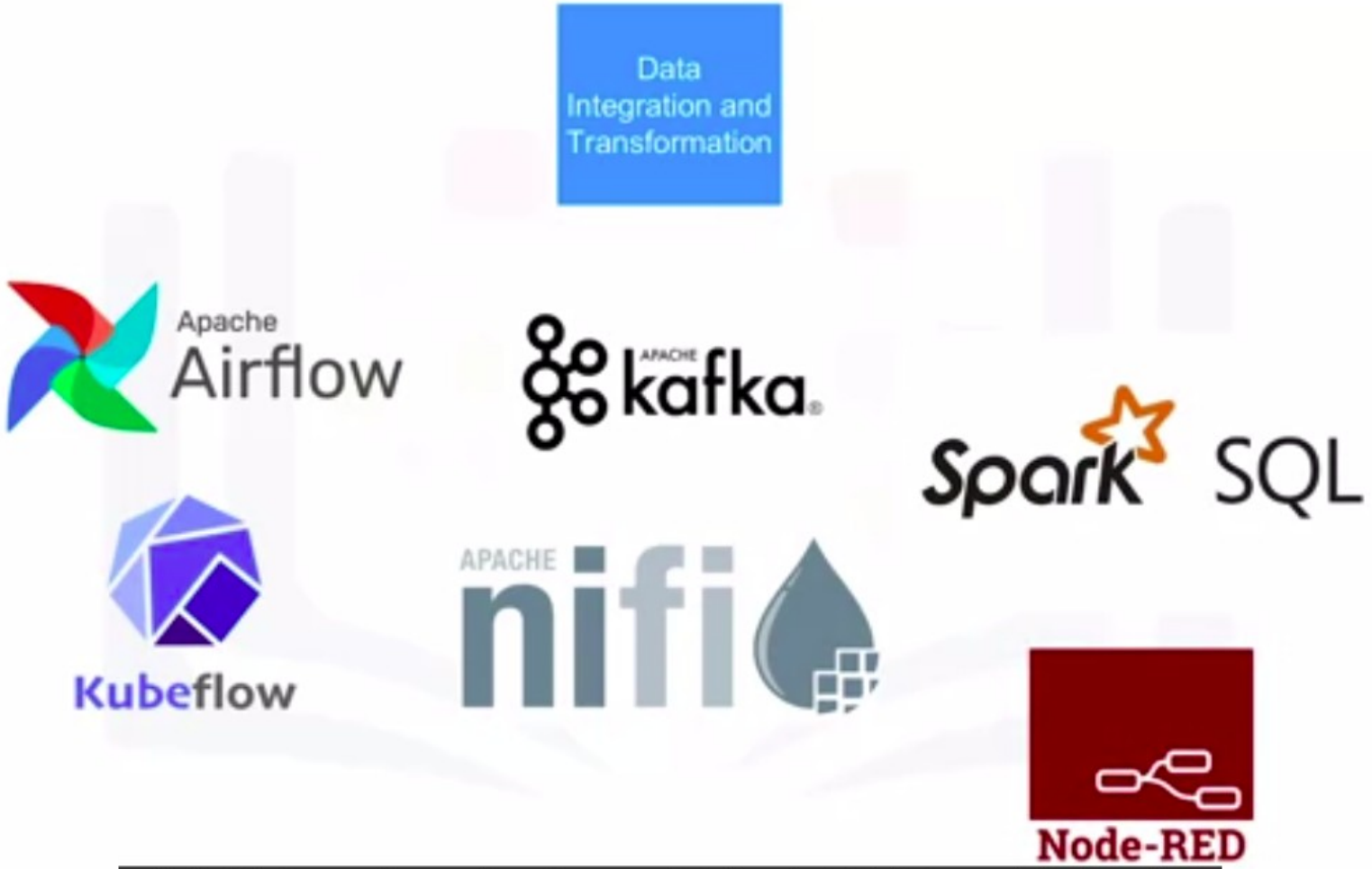
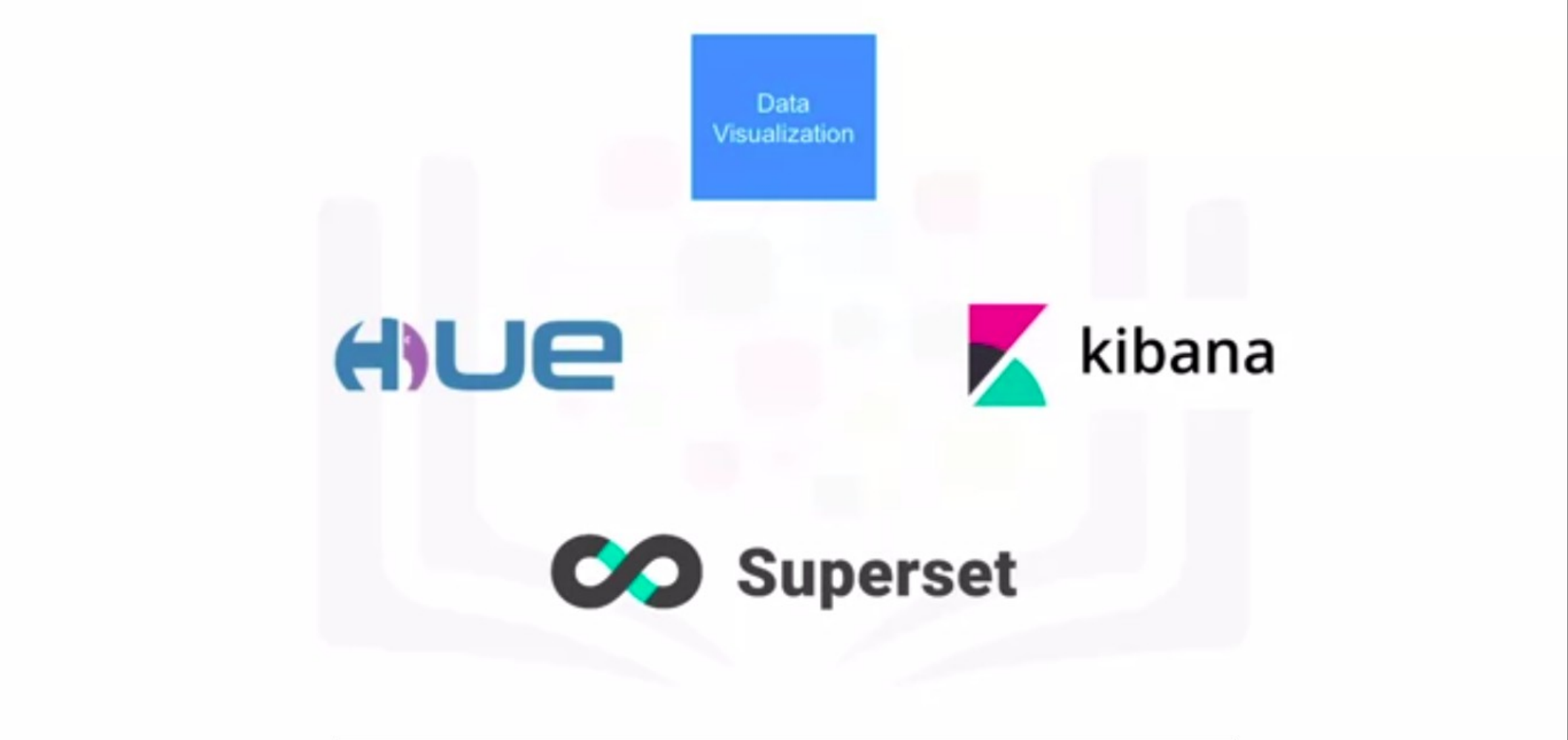


fast document retrieval.

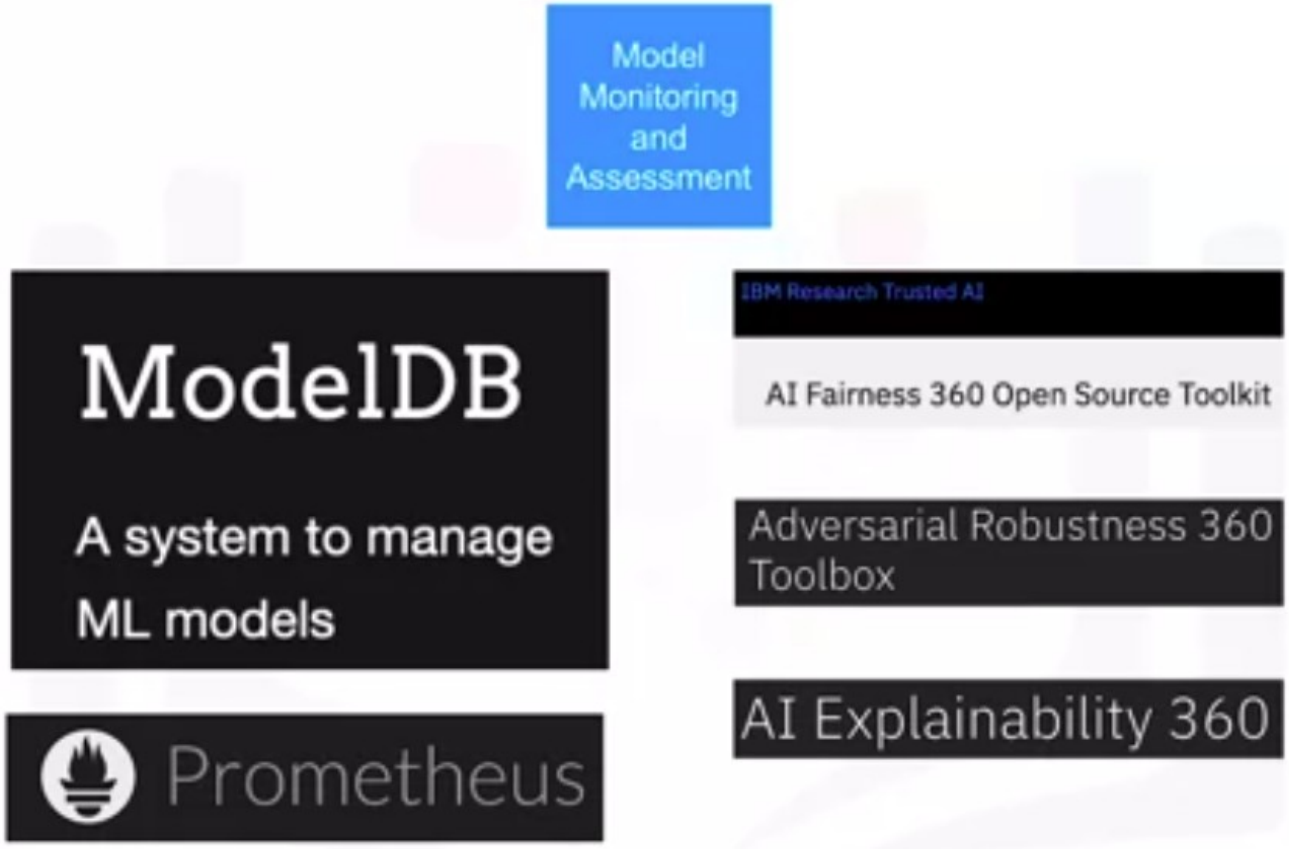


of 1000s of nodes), and NodeRED, which also provides a visual editor.



Finally, Apache Superset is a data exploration and visualization web application.

Lite, and even deploy to a web browser using TensorFlow dot JS.

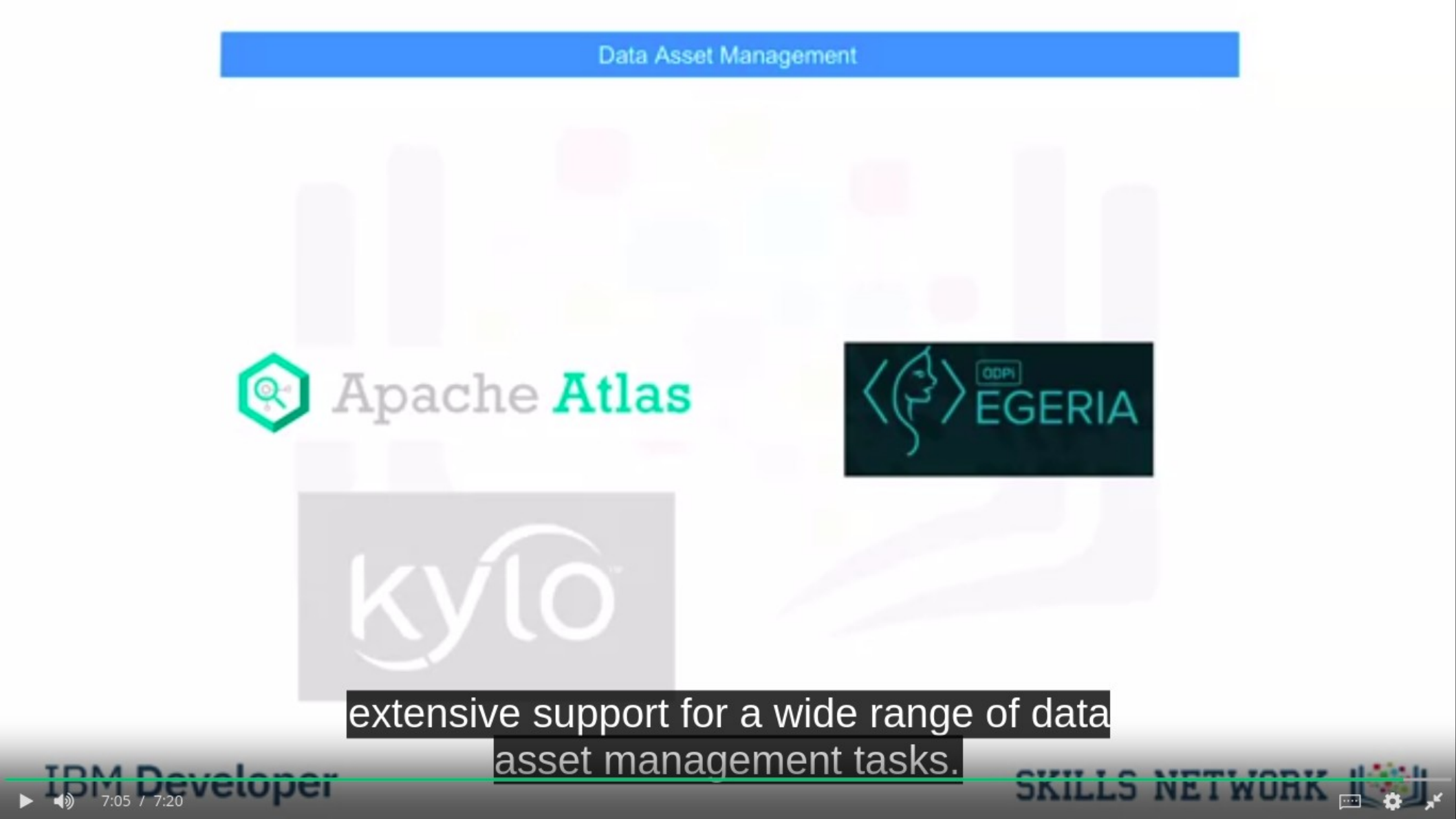


learning model by explaining how different input variables affect the final decision

Bitbucket

GitLab

Another choice is Bitbucket.


Data Asset Management
Apache Atlas
ODPi
EGERIA
kylo
extensive support for a wide range of data
asset management tasks.
IBM Developer
SKILLS NETWORK
7:05 / 7:20

Development Environments

But in the Python world, Jupyter is used more frequently.

Execution Environments

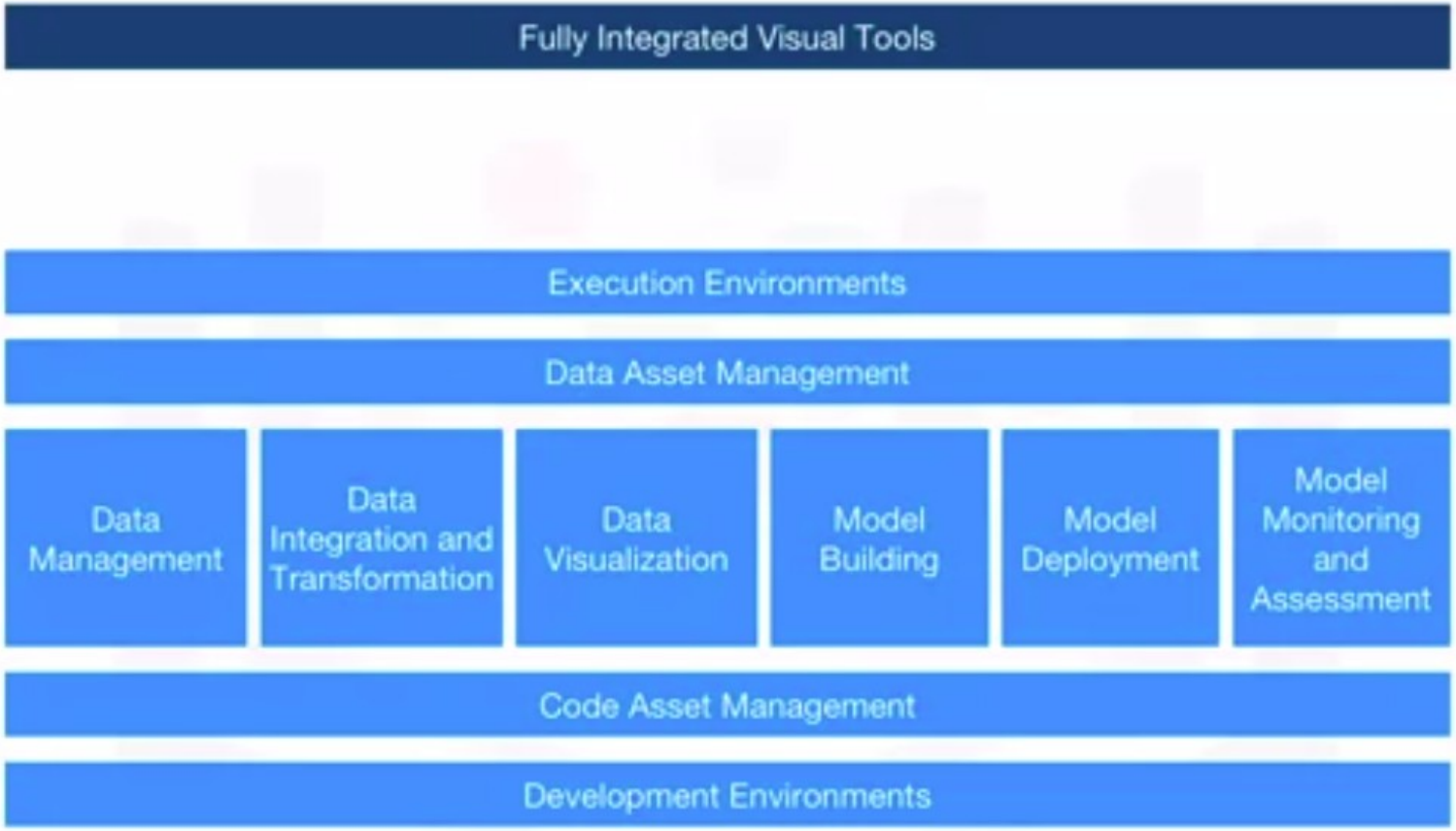
Flink

Ray

which has a clear focus on large-scale deep learning model training.

Another example of this group of tools is Orange.

Commercial Tools



tooling components, either partially or completely.

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Commercial supports are delivered directly from software vendors, influential partners,

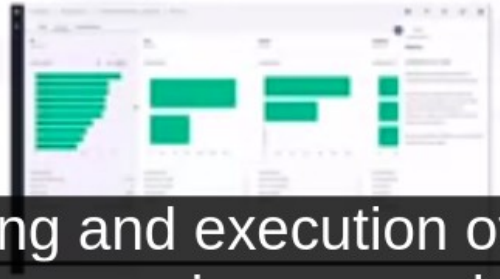
Data Integration and Transformation

talend

Informatica

IBM

InfoSphere DataStage

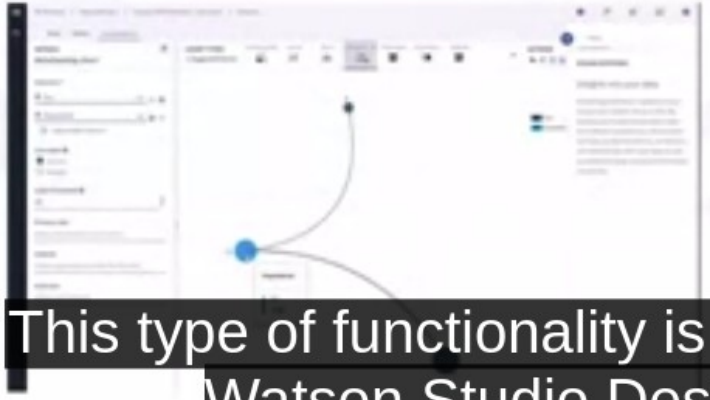


IBM

Watson Studio Desktop

the defining and execution of data integration processes in a spreadsheet style.

Data Visualization



IBM

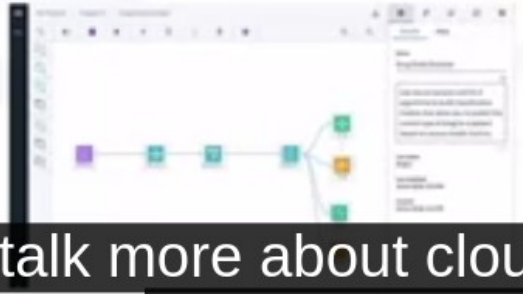
Watson Studio Desktop

This type of functionality is contained in Watson Studio Desktop.

Model Building

SPSS

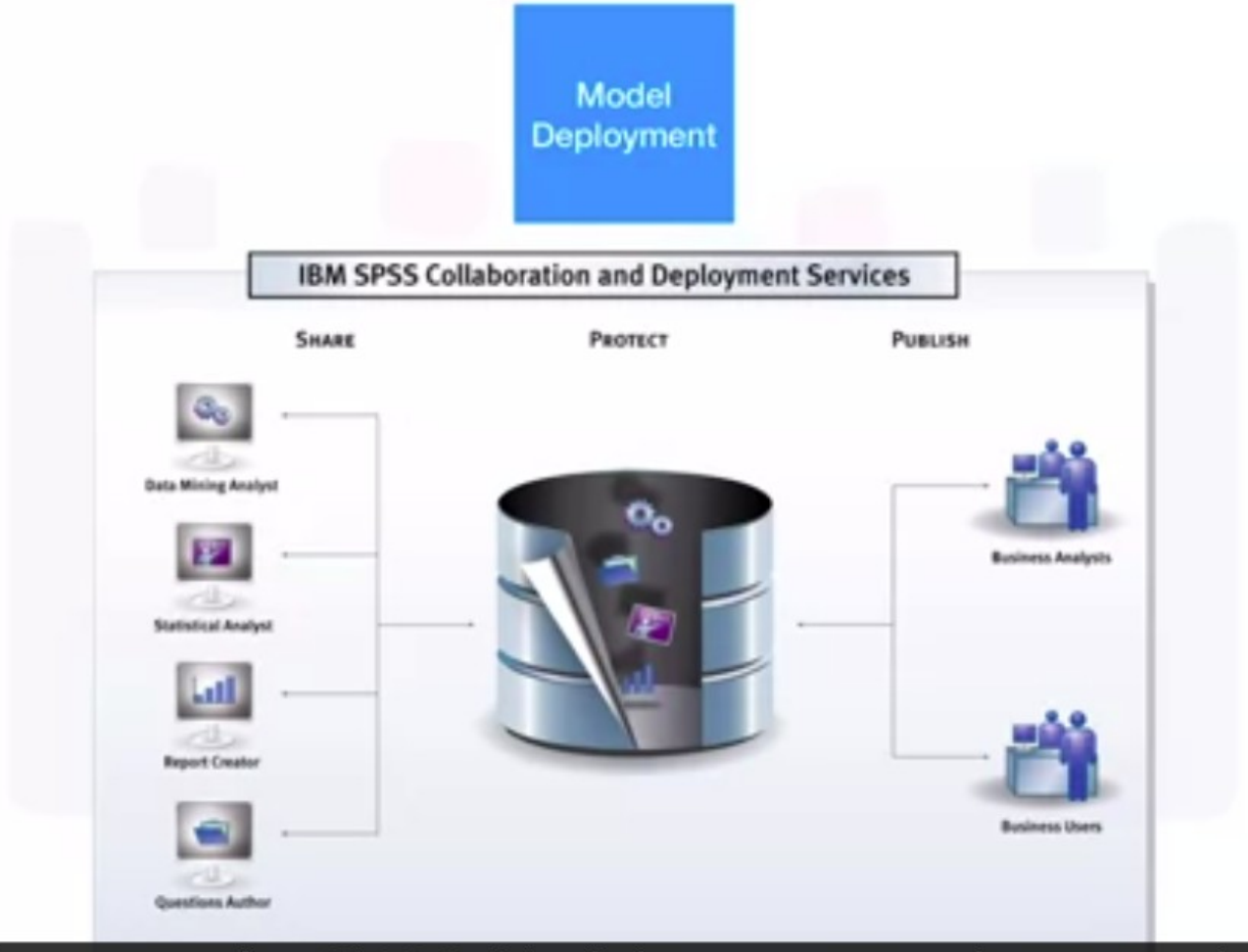
sas



IBM

Watson Studio Desktop

We'll talk more about cloud-based tools in the next video.



For example, SPSS Modeler supports the exporting of models as Predictive Model Markup Language,

As a result, open source is the first choice.

Code Asset Management

The same is true for code asset management.

Code Asset Management

Open source with Git and GitHub is the effective standard.

Data Asset Management

Informatica

IBM InfoSphere® Information Governance Catalog

for data privacy and retention.

Watson Studio Desktop

Watson Studio Desktop combines Jupyter Notebooks with graphical tools to maximize data scientists'

Fully Integrated Visual Tools

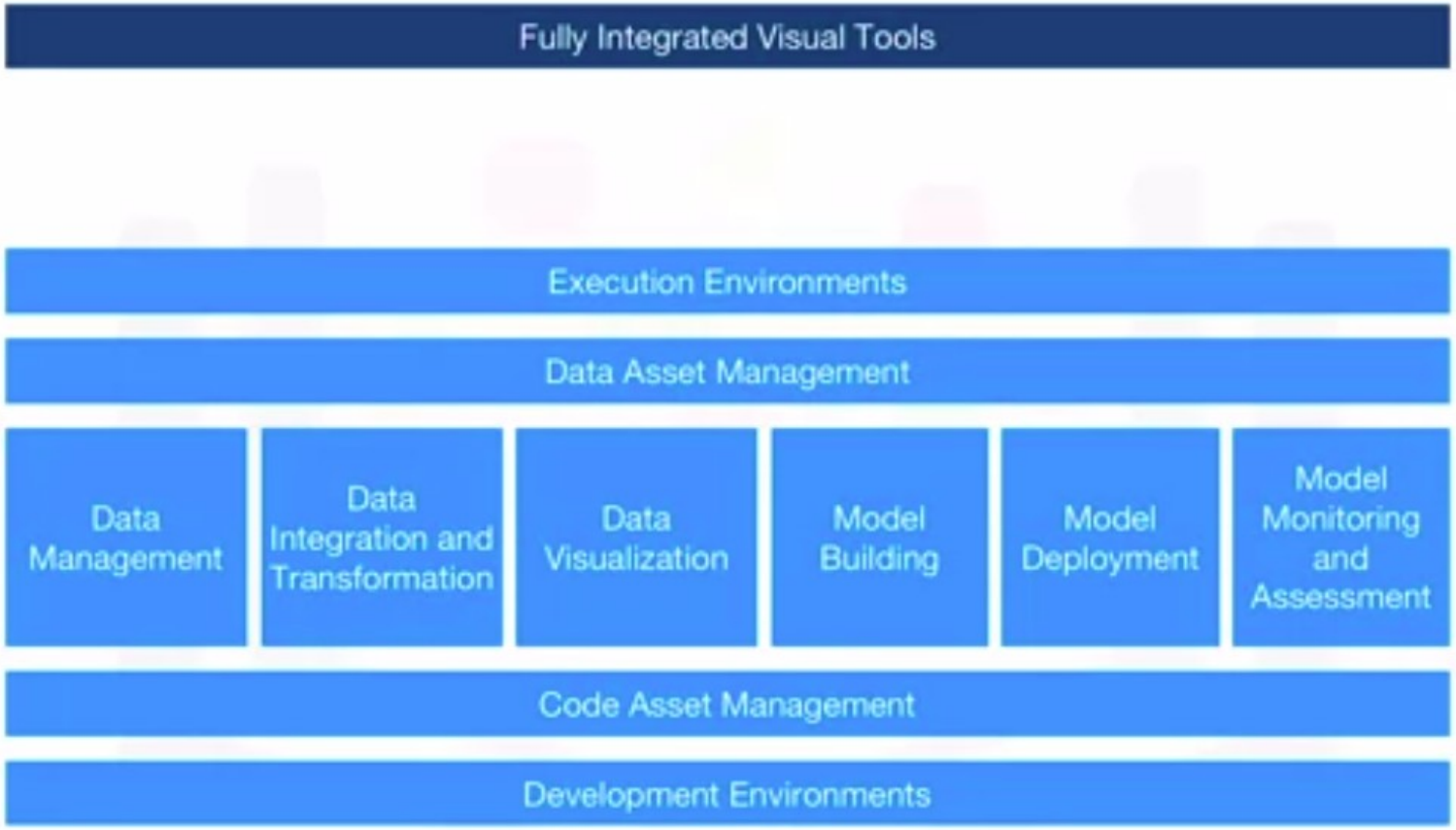
Watson Studio, together with Watson Open Scale,
is a fully integrated tool covering the full

Fully Integrated Visual Tools

H_2O.ai

complete data science life cycle.

Cloud Commercial Tools



Since cloud products are a newer species, they follow the trend of having multiple tasks integrated into a single tool

Since cloud products are a newer species, they follow the trend of having multiple tasks

Fully Integrated Visual Tools and Platforms

Watson Studio, together with Watson OpenScale, covers the complete development [illegible] and AI tasks

for all data science, machine learning, and AI tasks.

Fully Integrated Visual Tools and Platforms

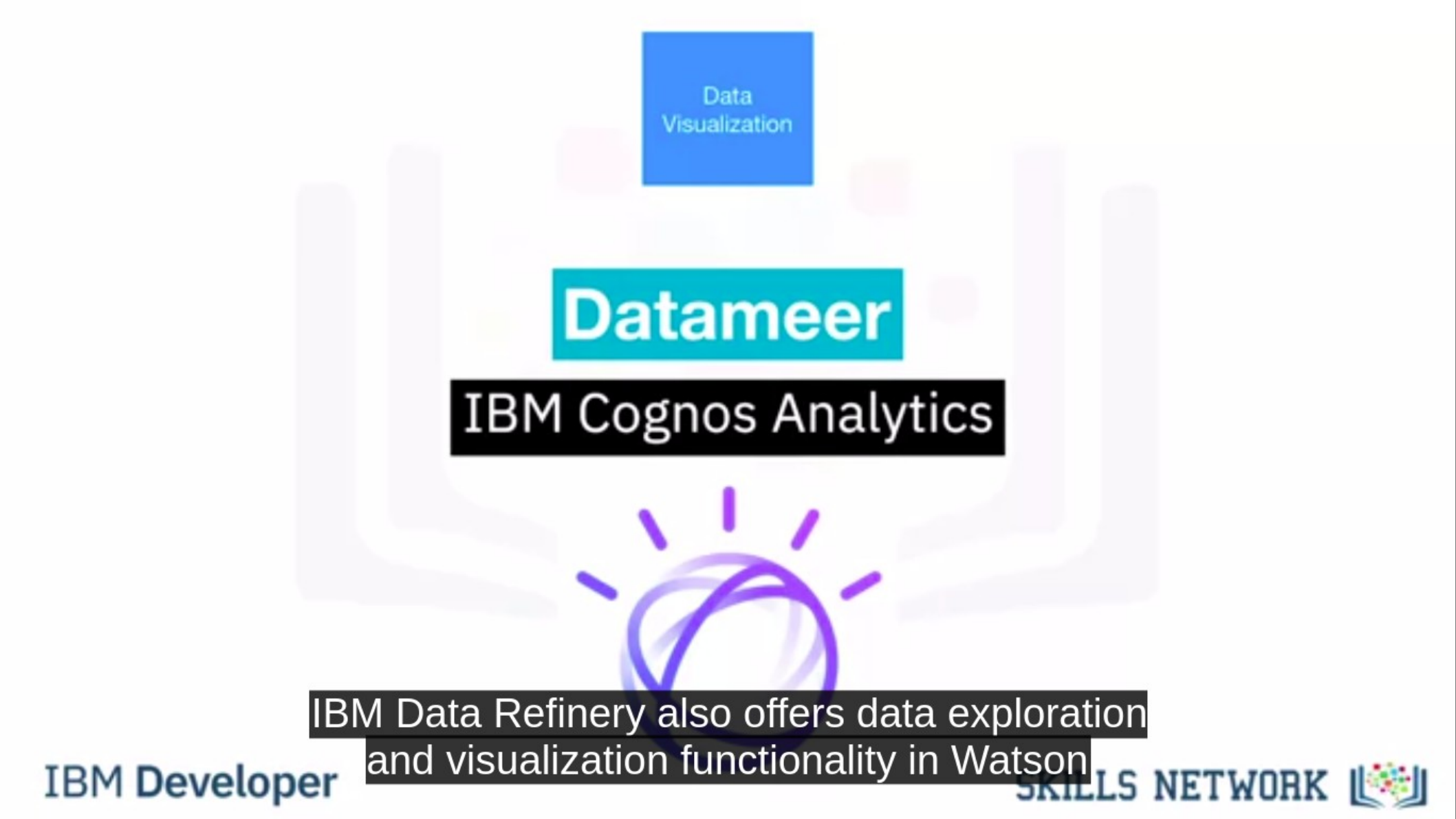
This is also a fully cloud-hosted offering supporting the complete development life cycle

Fully Integrated Visual Tools and Platforms

And finally, another example is H2O Driverless AI, which we've already introduced in the

offering in the cloud, taking operational tasks away from the user.

Data Refinery is part of IBM Watson Studio.



IBM Data Refinery also offers data exploration and visualization functionality in Watson

Model building can be done using a service such as Watson Machine Learning.

IBM Watson Machine Learning

Google Cloud

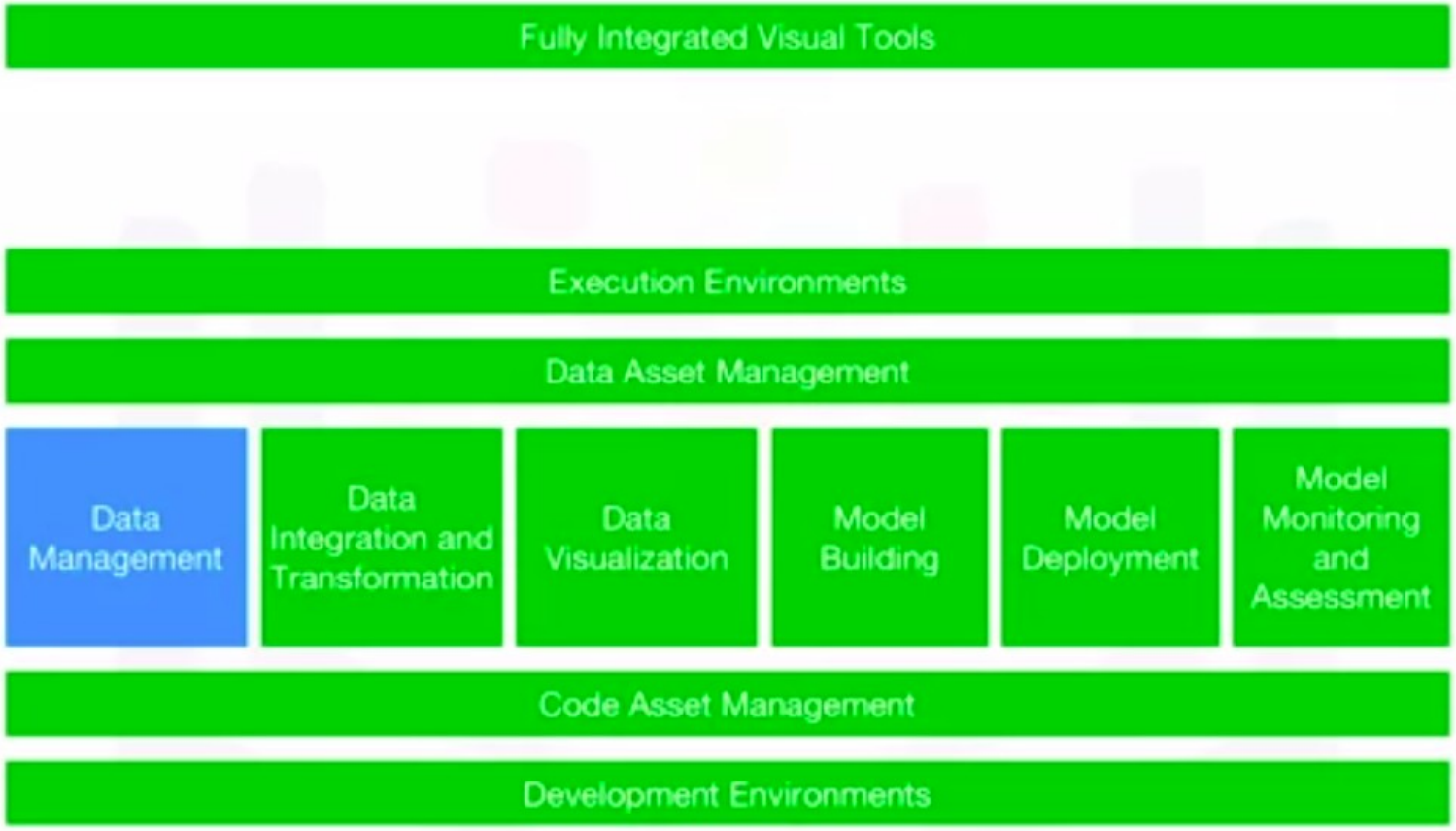
Nearly every cloud provider has a solution for this task.

to deploy any type of asset created by the SPSS software tools suite.

Model Deployment

IBM Watson Machine Learning

Watson Machine Learning can also be used to deploy a model and make it available to consumers



Everything marked in green can be done using Watson Studio and Watson OpenScale.

Model Monitoring and Assessment

Amazon SageMaker Model Monitor

Watson OpenScale

This is also the case for Watson OpenScale.